

00628

00628

NOAA FORM 76-35 (3-76)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
THIS MAP EDITION WILL NOT BE FIELD EDITED	
Map No. TP-00628	Edition No. 1
Job No. CM-7607 (Part II)	
Map Classification CLASS III FINAL	
Type of Survey SHORELINE	
LOCALITY	
State ALASKA	
General Locality SHELIKOF STRAIT, KATMAI BAY to CAPE KILOKAK	
Locality JUTE BAY	
1976 TO 19	
REGISTRY IN ARCHIVES	
DATE	

MAP NOT INSPECTED BY
QUALITY CONTROL OF PHOTOGRAMMETRY DIVISION
PRIOR TO REGISTRATION

21 00

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED		SURVEY TF. 00628 MAP EDITION NO. (1) MAP CLASS III FINAL JOB XXX CM-7607	
DESCRIPTIVE REPORT - DATA RECORD							
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division AMC, Norfolk, VA OFFICER-IN-CHARGE Roy K. Matsushige, CDR				LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED JOB PH- _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__			
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
Aerotriangulation Part II August 14, 1980 Amendment No. 1 June 16, 1981 Compilation Part II June 23, 1981				Premarking April 30, 1976 Photo Mission June 14, 1976			
II. DATUMS							
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN				OTHER (Specify)			
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input checked="" type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL				OTHER (Specify)			
3. MAP PROJECTION Transverse Mercator				4. GRID(S) STATE Alaska ZONE 6			
5. SCALE 1:20,000				STATE ZONE			
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY				Solbeck		Feb. 1980	
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradomat CHECKED BY				Solbeck		Nov. 1980	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: Wild B-8 CONTOURS BY SCALE: 1:20,000 CHECKED BY				D. Butler		Jan. 1981	
				F. Margiotta		Jan. 1981	
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: Smooth Drafted Graphic CONTOURS BY CHECKED BY SCALE: 1:20,000 HYDRO SUPPORT DATA BY CHECKED BY				P. Evans		Sept. 1981	
				F. Mauldin		Sept. 1981	
				NA			
				NA			
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				F. Mauldin		Sept. 1981	
6. APPLICATION OF FIELD EDIT DATA BY				None			
				None			
7. COMPILATION SECTION REVIEW Class III BY				F. Mauldin		Sept. 1981	
8. FINAL REVIEW Class III BY				J. Hancock		Jan. 1983	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY				J. Hancock		Jan. 1983	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY							
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				A. L. W		10-20-82	

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

TP-00628

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 "E" and Wild RC-10 "C" and "Z"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				Alaska	
NUMBER AND TYPE	DATE	TIME	SCALE	* STAGE OF TIDE	
76C(C) 5063 - 5065	6/11/76	11:35	1:60,000	9.3 ft. above MLLW	
76C(C) 5012 - 5014	6/11/76	10:21	1:60,000	5.9 ft. above MLLW	
76E(I) 4452 - 4454	6/27/76	08:56	1:40,000	0.4 ft. above MLLW	
76Z(C) 5824 - 5826	6/27/76	08:56	1:40,000	0.4 ft. above MLLW	
76E(I) 4446 - 4449	6/27/76	08:46	1:40,000	0.1 ft. above MLLW	
76Z(C) 5818 - 5821	6/27/76	08:46	1:40,000	0.1 ft. above MLLW	
76E(I) 4468 - 4469	6/27/76	09:15	1:40,000	1.0 ft. above MLLW	
76Z(C) 5837 - 5838	6/27/76	09:15	1:40,000	1.0 ft. above MLLW	
				*Based on predicted tide data MHW = 11.1 ft.	

REMARKS The RC-10 "C" photography was used for bridging and compilation. The RC-8 "E" infrared photography was used for graphic compilation of the Mean Lower Low Water line, and the RC-10 "Z" for hydro-support photography.

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high water line was compiled on the Wild B-8 stereo instrument using the above listed color compilation photography.

Photogrammetric Cameras: C = 88.47 mm ✓
E = 152.71 mm ✓
Z = 153.14 mm ✓

3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:

The mean lower low water line was compiled graphically, using the above listed infrared photography.

4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammetric survey information.)

SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED

5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
TP-00625	No Survey	No Survey	TP-00627 and TP-00927

REMARKS

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

TP-00628

HISTORY OF FIELD OPERATIONS.

I. ☒ FIELD INSPECTION OPERATION (Premarking) ☐ FIELD EDIT OPERATION.

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. B. Melby	June 1976
2. HORIZONTAL CONTROL	RECOVERED BY R. B. Melby ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY L. L. Riggers	June 1976 June 1976
3. VERTICAL CONTROL	RECOVERED BY None ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY None	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY None LOCATED (Field Methods) BY None IDENTIFIED BY None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY None	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY NA	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

2. VERTICAL CONTROL IDENTIFIED
None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
76C(C)5065	NO, 1947		
76C(C)5013	CAPE, 1923		

3. PHOTO NUMBERS (Clarification of details)

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

Two 76-53 (CSI)

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONTP-00628
RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete pending field edit	Sept. 1981	Class III manuscript	None	Dec. 1981
Final Review Class III	Jan. 1983	Final Class III map No field edit performed	April 26, 1983	Mar. 1983

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER (page)	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		Apr. 26, 83	Landmarks for charts

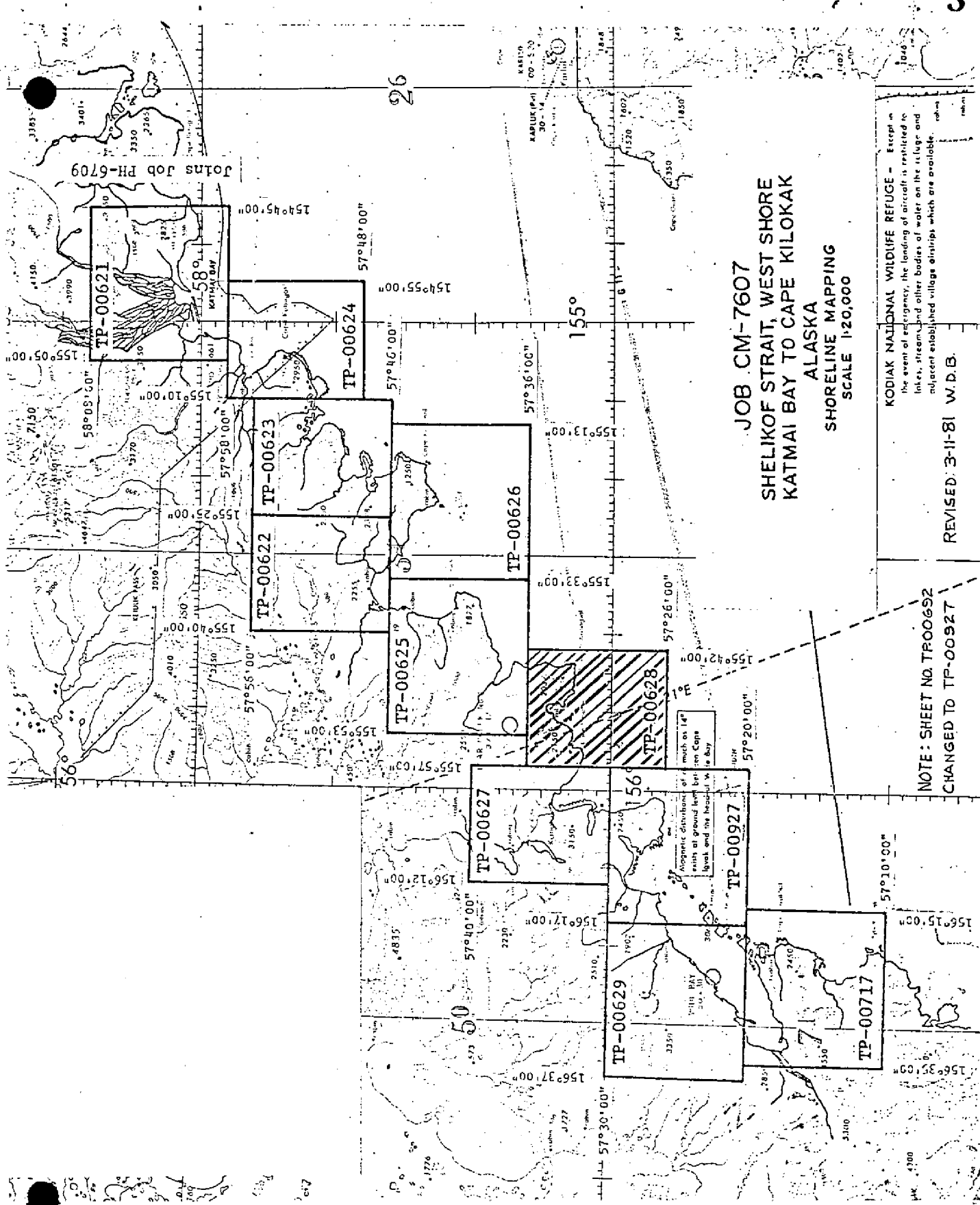
2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
 2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 567 SUBMITTED BY FIELD PARTIES.
 3. ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
 ACCOUNT FOR EXCEPTIONS: All indicated data will be forwarded to the Federal Records Center upon completion of the entire project.
 4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: July 1983

IV. SURVEY EDITIONS (This section shall be completed each time a new map edition is registered)

SECOND EDITION	SURVEY NUMBER TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00628

This 1:20,000 scale final Class III shoreline map is one of six maps: TP-00625, TP-00627 through TP-00629, TP-00927, and TP-00717 that comprise project CM-7607, Part II, Shelikof Strait, Alaska. Part I of this project, which includes five 1:20,000 scale maps, will not be final reviewed at this time as it is presently being utilized to assist in active hydrographic survey operations.

The purpose of this project was to provide contemporary shoreline data in the support of hydrographic activity and to furnish data for nautical chart revision.

This final Class III map portrays the shoreline area of Jute Bay from Cape Kanatak to Cape Unalishagvak. Offshore detail includes Jute Islands and various alongshore foul limits.

Field work prior to compilation was accomplished in June 1976; this involved the establishment of horizontal control in order to meet aerotriangulation requirements.

Photo coverage was provided in June 1976 for aerotriangulation and compilation by color photography using the RC-10 "C" camera at 1:60,000 scale. Supplemental black and white infrared and additional color photography were taken in tandem at 1:40,000 scale. The infrared photography was flown with the "E" camera at a stage of tide near MLLW based on predicted tide data. The color photography was flown using the "Z" camera. The supplemental photography was used to establish the approximate mean lower low water line, to assist in evaluating the compilation photography, and to provide photo support information for the hydrographer.

Analytic aerotriangulation was adequately provided by the Washington Science Center in November 1980.

Compilation was performed at the Atlantic Marine Center in September 1981. All compilation was based upon photo interpretation considering the stage of tide for the photography as determined from predicted tide data. Foul and kelp limits were compiled as advisory information to the Hydrographer. Copies of the Class III manuscript were forwarded to the Pacific Marine Center to provide current shoreline data for proposed hydrographic surveys.

Field edit was not accomplished for this Class III map.

Final review was performed at the Atlantic Marine Center in January 1983. A "Chart Maintenance Print" was prepared and forwarded to the Marine Charts Division. A "Notes to Hydrographer" print was submitted to the Hydrographic Surveys Division; this annotated copy of the final map supersedes all previously forwarded data.

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00628

The Descriptive Report contains all pertinent information used to compile this Final Class III map. The original base manuscript was forwarded to the Washington Science Center for registration. Original control and subsequent office data will be submitted upon completion of the entire project.

FIELD INSPECTION

TP-00628

There was no field inspection prior to compilation. Field work accomplished was limited to the recovery and identification of the horizontal control necessary for the aerotriangulation of the project.

Aerotriangulation Report
Shelikof Strait, Alaska

CM-7607

November 1980

21. Area Covered

The area covered by this report is the Alaska Peninsula Side of Shelikof Strait. The area is covered by six 1:20,000 scale manuscripts; TP-00625, TP-00627 through TP-00629, TP-00692, TP-00717.

22. Method

Four strips of 1:60,000 scale color photography were bridged by standard analytic aerotriangulation methods. Pre-paneled horizontal control was provided. Tie points were used to provide adequate junctioning between the strips.

The support photography consists of 1:40,000 scale black-and-white infrared and 1:40,000 scale color photography flown in tandem. Common points were located between the bridging photography and the infrared photography for ratio purposes. A predetermined constant was multiplied to these ratio values to determine the ratio values for color compilation photography.

Ratio prints have been ordered. The manuscripts were ruled on the coradomat.

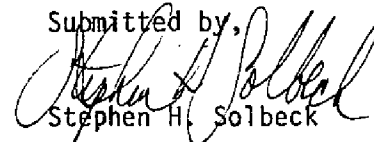
23. Adequacy of Control

The control proved adequate according to the National Map Accuracy Standards.


25. Photography

The coverage, overlap, and quality of the photography proved adequate for the job.

Submitted by.

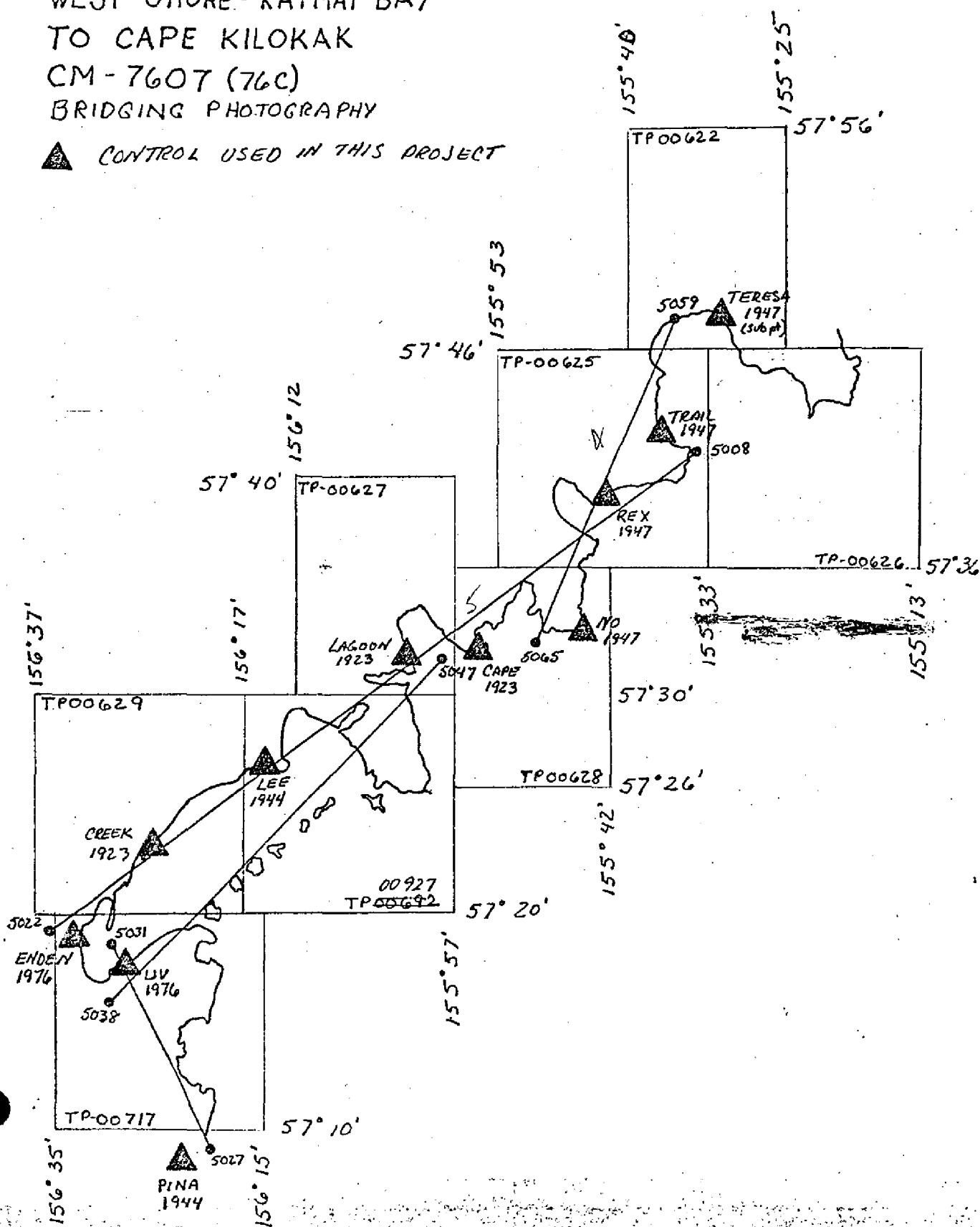

Stephen H. Solbeck

Approved and Forwarded:


Don O. Norman
Chief, Aerotriangulation Section

SHELIKOF STRAIT, ALASKA
WEST SHORE - KATMAI BAY
TO CAPE KILOKAK
CM - 7607 (76C)
BRIDGING PHOTOGRAPHY

▲ CONTROL USED IN THIS PROJECT



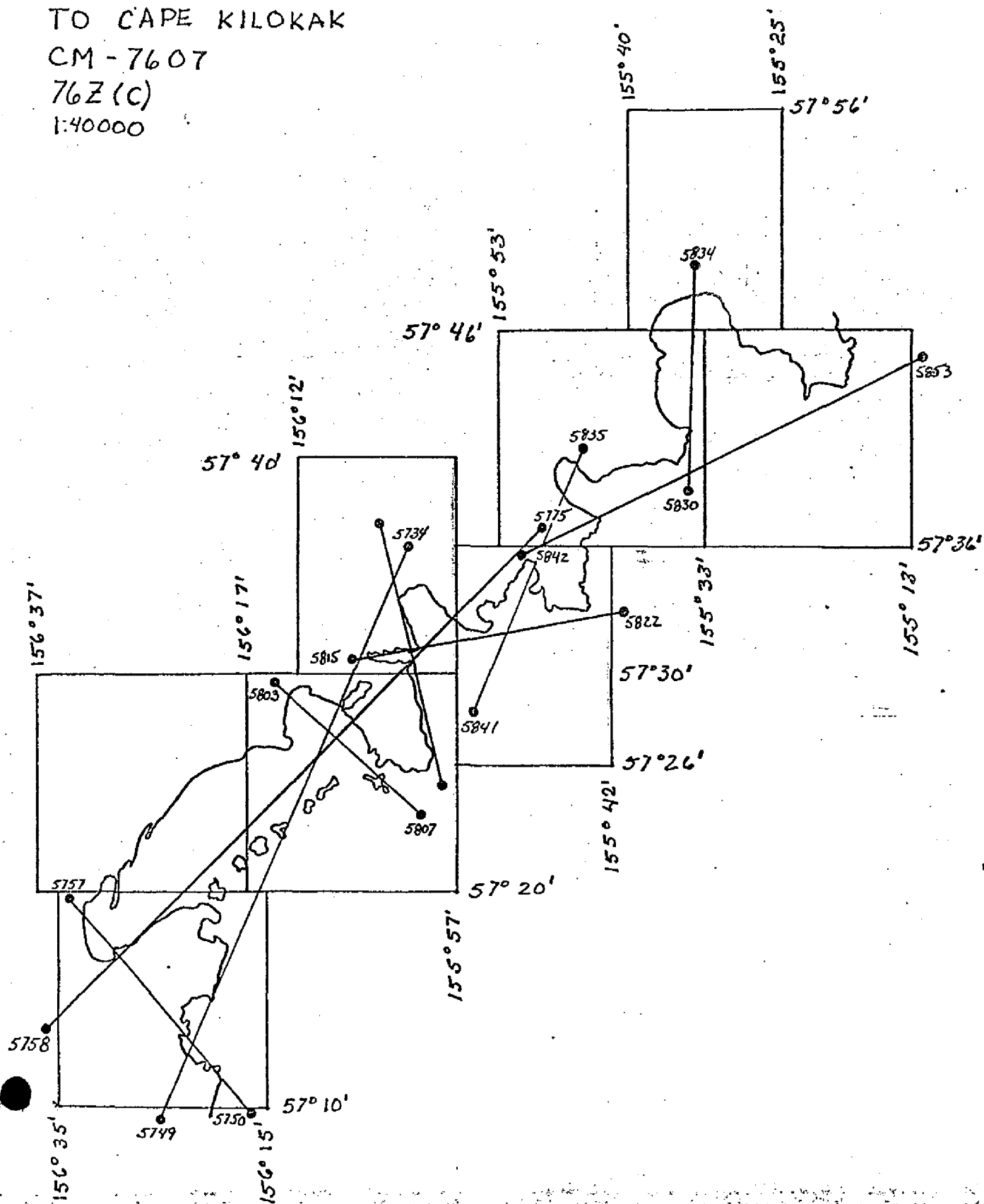
SHELIKOF STRAIT, ALASKA
WEST SHORE KATMAI BAY

TO CAPE KILOKAK

CM-7607

76Z(C)

1:40000



CM-7607
SHELIKOF STRAIT, ALASKA
FIT TO CONTROL
OF X&Y IN FEET

STRIP #4

	X	Y
THERESA, 1947 (Sub Point)	.165	.022
TRAIL, 1947	-.530	-.024
REX, 1947	.496	.057
NO, 1947	-.132	-.055

STRIP #5

TRAIL, 1947	-1.126	1.506
REX, 1947	3.126	-.884
CAPE, 1923	-.376	-4.341
LAGOON, 1923	-6.809	1.994
LEE, 1944	4.893	2.224
CREEK, 1923	2.432	1.400
LIV, 1976	1.935	-2.679
ENDEN, 1976	-4.092	.768

STRIP #6

LIV, 1976	-.247	-1.141
LAGOON, 1923	-.366	1.853
CREEK, 1923	-4.159	3.827
LEE, 1944	4.711	2.932

STRIP #7

PINA, 1927	-.259	-.285
LIV, 1976	-.079	.879

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODETTIC DATUM		ORIGINATING ACTIVITY		
					NA 1927	Coastal Mapping Div., AMC			
TP-00628	CM-7607				COORDINATES IN FEET STATE Alaska ZONE 6		GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE		REMARKS
CAPE, 1923	Geodesy Adj. Oct 1980			113100	X= 911,012.677	-	ϕ 57 32 06.73	-	
					Y= 1,297,556.561	-	λ 55 54 29.29	-	
NO, 1947	"			65100	X= 946,153.677	-	ϕ 57 32 46.36	-	
					Y= 1,302,711.193	-	λ 55 43 42.83	-	
					X=		ϕ		
					Y=		λ		
					X=		ϕ		
					Y=		λ		
					X=		ϕ		
					Y=		λ		
					X=		ϕ		
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					X=		ϕ		
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					X=		ϕ		
					Y=		λ		
					X=		ϕ		
					Y=		λ		
					X=		ϕ		
					Y=		λ		
					X=		ϕ		
					Y=		λ		
COMPUTED BY				DATE	COMPUTATION CHECKED BY				DATE
LISTED BY	P. L. Evans			DATE 21 Aug. 81	LISTING CHECKED BY W. Connally				DATE August 21, 1981
HAND PLOTTING BY				DATE	HAND PLOTTING CHECKED BY				DATE

COMPILATION REPORT

TP-00628

CM-7607

31. DELINEATION

Delineation of the MHW line and the planimetric detail were by instrument methods using the Wild B-8 stereoplotter. Compilation photography was adequate.

The MLLW line was compiled graphically using infrared photographs. This photography was taken within 1 ft. of Mean Lower Low Water based upon predicted tide data.

32. CONTROL

Horizontal control was adequate. See the attached Photogrammetric Plot Report, dated November 1980.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are not applicable to the project. Drainage was delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

There are numerous foul limits delineated with a dashed line; the composition of these areas was based upon photo interpretation of the color and infrared photographs.

36. OFFSHORE DETAILS

Numerous charted submerged rocks could not be seen as breakers made it difficult to delineate rocks offshore from the Mean lower low water line.

37. LANDMARKS AND AIDS

There are three landmarks and no aids within the limits of this manuscript; of these, two landmarks were located photogrammetrically, and one was not visible.

38. CONTROL FOR FUTURE SURVEYS

None

TP-00628

39. JUNCTIONS

See form 76-36B, Item 5 of this Descriptive Report concerning junctions.

40. HORIZONTAL AND VERTICAL ACCURACY

See Item #32.

46. COMPARISON WITH EXISTING MAPS

Karluk (C-6), Alaska Scale 1:63,360, dated 1951.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with N.O.S. chart No. 16570, scale 1:50,000, 8th edition, dated February 18, 1978, and No. 16580, scale 1:350,000, 8th edition, dated October 31, 1981.

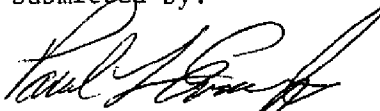
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

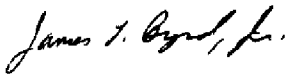
None

Submitted by:


P. L. Evans, Jr.
Cartographic Technician

September 16, 1981

Approved:



James L. Byrd, Jr.
Chief, Coastal Mapping Unit

PHOTOGRAMMETRIC OFFICE PRE-HYDRO AND FIELD EDIT REVIEW

TP- 00628

PROJECTION AND GRIDS FTM	TITLE FTM	HORIZONTAL CONTROL FTM	PHOTOGRAMMETRIC PLOT REPORT FTM
DETAIL POINTS AND PASS POINTS FTM	PROCESSED RATIOS FTM	AIDS TO NAVIGATION None	LANDMARKS FTM
MEAN HIGH WATER LINE FTM	LOW-WATER LINE FTM	ROCKS, SHOALS, ETC. FTM	ALONG SHORE AND OTHER PHYSICAL FEATURES FTM
WATER FEATURES FTM	ALONG SHORE AND OTHER CULTURAL FEATURES FTM	BRIDGES None	ROADS FTM
BUILDINGS FTM	RAILROADS None	CONTOURS AND SPOT ELEVATIONS NA	GEOGRAPHIC NAMES FTM
JUNCTIONS FTM	LEGIBILITY OF THE MANUSCRIPT FTM	COMPILATION REPORT FTM	FIELD EDIT OZALID FTM
COMPARISON WITH NAUTICAL CHARTS FTM	COMPARISON WITH PRIOR SURVEYS FTM	COMPARISON WITH EXISTING MAPS FTM	FIELD PRINTS AND OTHER COPIES FTM
REVIEWER F. Mauldin	DATE September 24, 1981	SUPERVISOR J. Byrd	DATE September 1981

REMARKS

PHOTOGRAMMETRIC OFFICE POST-HYDRO AND FIELD EDIT REVIEW

MANUSCRIPT NUMBERS	FORMAT STICK-UP	MANUSCRIPT SIZE	HORIZONTAL CONTROL
PHOTO HYDRO STATIONS	PLOTTING OF SEXTANT FIXES	AIDS TO NAVIGATION	LANDMARKS
MEAN HIGH WATER LINE	LOW-WATER LINE	ROCKS, SHOALS, ETC.	ALONG SHORE AND OTHER PHYSICAL FEATURES
WATER FEATURES	ALONG SHORE AND OTHER CULTURAL FEATURES	PIPELINES, CABLES, ETC.	BRIDGES
ROADS	BUILDINGS	RAILROADS	CONTOURS AND SPOT ELEVATIONS
GEOGRAPHIC NAMES	JUNCTIONS	FIELD EDIT PHOTOGRAPHS	FIELD EDIT OZALID
GEOGRAPHIC FIX POSITIONS	FIELD FORMS	FIELD EDIT REPORT	APPROVED TIDES
CHART MAINTENANCE PRINT AND OTHER COPIES	PREPARATION FOR FINAL REVIEW	COMPILER	DATE
REVIEWER	DATE	SUPERVISOR	DATE

REMARKS

REVIEW REPORT TP-00628
SHORELINE

61. GENERAL STATEMENT:

For a schedule of field and office activities for this Final Class III map, refer to the Summary included in this Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Not applicable

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with U.S.G.S. quadrangle Karluk (C-6), Alaska, 1951, 1:63,360 scale. No significant differences were noted.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No comparison was made with a contemporary hydrographic survey as the primary purpose of this photogrammetric map is to provide shoreline information for current hydrographic activity. However, a comparison was made with a copy of two previous hydrographic surveys registered as No. 4296, dated September 1923, scale 1:20,000 and No. 4386, dated June 1924, scale 1:20,000. Accounting for geodetic datum adjustments, there were no significant discrepancies evident.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with the following National Ocean Survey charts:

No. 16570, 8th edition, 1:50,000 scale, dated February 18, 1978
No. 16580, 8th edition, 1:350,000 scale, dated October 31, 1981

The shoreline north of Cape Unalishagvak (Lat. $57^{\circ}32.7'$, Long. $155^{\circ}43.7'$), at the east limit of Chart #16570 has been omitted. As the shoreline turns abruptly at Cape Unalishagvak and proceeds northward, it does not extend beyond the eastern chart limit of Long. $155^{\circ}43.6'$ except at one insignificant point of land. Delineation of this shoreline should be included on Chart #16570 since it is the largest scale chart available.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with the Project Instructions and meets the requirements for National Standards of Map Accuracy.

REVIEW REPORT TP-00628
SHORELINE

Submitted by:

Jerry L. Hancock
Jerry L. Hancock
Final Reviewer

Approved for forwarding:

Billy H. Barnes

Billy H. Barnes
Chief, Photogrammetric Section, AMC

Approved:

Chief, Photogrammetric Section, Rockville Chief, Photogrammetry Branch

November 16, 1982

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7607 (Shelikof Strait, Alaska)

TP-00628

Cape Kanatak

Cape Unalishagvak

Island Bay

Jute Bay

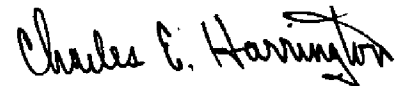
Jute Islands

Pinnacle Rock

Portage Bay

Shelikof Strait

Approved by:



Charles E. Harrington
Chief Geographer, C3x5

DISSEMINATION of PROJECT MATERIAL

CM-7607

Shelikof Strait, Katmai Bay to Cape Kilokak

National Archives/Federal Record Center

Brown Jacket

Plot Report

Computer Readout

NOAA Forms 76-53 (CSI Copies)

NOAA Forms 76-15 (Photo Flight Reports)

NOAA Forms 76-41 (Proj. Hor. Control)

Project Diagram (Page Size)

Project Completion Report

Bureau Archives

Registered Copy of Each Map

Descriptive Report of Each Map

Reproduction Division

8x Reduction Negative of Each Map

Office of Staff Geographer

Geographic Names Standard

[illegible]

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	<input type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> OTHER (Specify)
POSITIONS DETERMINED AND/OR VERIFIED	FIELD ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	<input type="checkbox"/> REVIEWER <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'	
(Consult Photogrammetric Instructions No. 64.)	
OFFICE I. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75	FIELD (Cont'd) B. Photogrammetric field positions* require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982
FIELD I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field P - Photogrammetric L - Located Vis - Visually V - Verified 1 - Triangulation 5 - Field identified 2 - Traverse 6 - Theodolite 3 - Intersection 7 - Planetable 4 - Resection 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75	III. TRIANGULATION STATION RECOVERED When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery. EXAMPLE: Triang. Rec. 8-12-75 II. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 **PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.
*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	

[illegible]

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	<input type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> OTHER (Specify)
POSITIONS DETERMINED AND/OR VERIFIED	FIELD ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	OFFICE ACTIVITY REPRESENTATIVE <input type="checkbox"/> REVIEWER <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' (Consult Photogrammetric Instructions No. 64.)	
OFFICE I. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75	FIELD (Cont'd) B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982
FIELD I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection P - Photogrammetric Vis - Visually 5 - Field identified 6 - Theodolite 7 - Planetable 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75	III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 **PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.
*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	

